

STATE OF SOUTH DAKOTA CLASS SPECIFICATION

Class Title: Pilot

Class Code: 40222

A. Purpose:

Pilots aircraft to transport passengers and cargo, conduct aerial game surveys and predator control, and assist in search and rescue operations and law enforcement.

B. Distinguishing Feature:

Pilots operate an aircraft to provide a variety of services.

Aviation Services Managers direct the aviation program and schedule pilots.

C. Functions:

(These are examples only; any one position may not include all of the listed examples nor do the listed examples include all functions which may be found in positions of this class.)

1. Operates aircraft in compliance with Federal Aviation Administration (FAA) regulations and procedures to ensure safety of passengers and crew.
 - a. Evaluates weather conditions, destination, terrain, and time limits.
 - b. Conducts preflight safety checks.
 - c. Prepares flight plans.
 - d. Transports passengers in and out of state.
 - e. Authorizes safety-factor repairs and performs minor aircraft maintenance.
2. Conducts on-site ramp checks of aircraft and reviews aerial applicators' applications for licenses to assist in aircraft and pilot registration.
3. Inspects overall condition of runways, taxiways, ramps, and airport lighting; and reports deficiencies to appropriate officials to assist in maintaining airport safety and condition.
4. Maintains and submits flight logs and other records and reports to comply with state and federal regulations.
5. Maintains a hangar to house and repair assigned aircraft.
6. Performs other work as assigned.

D. Reporting Relationships:

Reports to an Aviation Services Manager or a Regional Supervisor. Does not supervise.

E. Challenges and Problems:

Challenged to be responsible for a safe flight. This is challenging because of the variety of physical factors that must be considered prior to takeoff and during flight, and the mental and physical stress of operating an aircraft. Further challenged to stay current in aircraft operation and emergency procedures.

Problems include deciding if weather conditions are favorable for flying, determining alternate

routes, delays, unexpected changes in weather conditions and wind velocity and direction during low-level flights, and scheduling work to take advantage of optimum flying time while conducting predator control.

F. Decision-making Authority:

Decides if weather conditions are conducive to a safe flight, distribution of aircraft load, safety factor repairs, time schedule for aerial hunting, necessary aircraft maintenance and methods of repair.

Decisions referred include aircraft schedules, approval of unscheduled requests for flights, and approval of repairs that are not routine.

G. Contact with Others:

Daily contact with coworkers to coordinate schedules and discuss work assignments; with the weather bureau for information; weekly contact with the executive office and other state agencies to discuss flight plans; and with the FAA concerning operation of the aircraft.

H. Working Conditions:

Operates an aircraft under ever-changing weather conditions and over a variety of terrain; flies at low altitudes for extended periods of time; is subject to the physical and mental stress resulting from the responsibility of providing safety for passengers; and is exposed to hazardous materials and equipment.

I. Knowledge, Skills, and Abilities:

Knowledge of:

- the operation of assigned aircraft and all pertinent instrumentation and flight procedures related to its safe operation;
- FAA regulations that apply to pre and post flight inspections, maintenance schedules, air worthiness, and records;
- state laws, rules, regulations, and policies pertaining to aircraft operation;
- weather as it relates to the operation and safety of flight;
- emergency procedures.

Ability to:

- operate aircraft under varying conditions;
- prepare flight plans and keep reports as required by FAA regulations;
- maintain physical condition and health at a level consistent with the special requirements for medical certification;
- remain calm in adverse situations;
- make decisions concerning the advisability of requested flights based on related information.

J. Licenses and Certifications: A minimum of 1500 flight hours, 1000 of which must have been as pilot in command of the aircraft, 100 of which must have been in the past 12 months. Possession of an FAA commercial pilot's license. Single engine, multi-engine, and/or instrument rating may be required as specified by the agency.